which all three overcounted, and there were intervals in which all three undercounted. It seems that the net effect was to cancel each other out.

Conclusion: The SB Harrison Avenue site gave good results, but the level of inconsistency throughout the day was a cause for concern. If additional tests at the system detector site were to show similar patterns, then we would conclude that the inconsistency was likely due to random error, and need not be a problem. However, if additional tests at the system detector site were to show results with greater differences between manual and loop counts, then we would conclude that there were additional issues to be resolved. As it turned out, we tested three more system detectors in the area the next day.

TEST SUMMARY

Date:	Wednesday, December 8, 1999
Site:	Harrison Avenue
Direction:	SB
Time:	7-9 AM, 10 AM-12 noon, 2-5 PM <7 hours total>
Loop location(s):	right through (outside), middle through (middle) lane, left through (inside) lane
Controller Type:	Econolite ASC 2/2100
Detector Type:	standard 6' x 6' system detectors; standard shelf-mounted detector amplifiers

	detector counts	manual counts	absolute difference (+) overcount, (-) undercount	% difference (nearest percent)
Right thru (outside) lane	3289	3306	- 17	- 1 %
Middle thru (middle) lane	2668	2456	+ 212	+ 9 %
Left thru (inside) lane	2071	2075	- 4	- 0 %